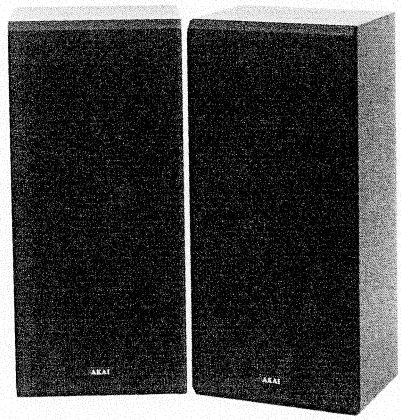
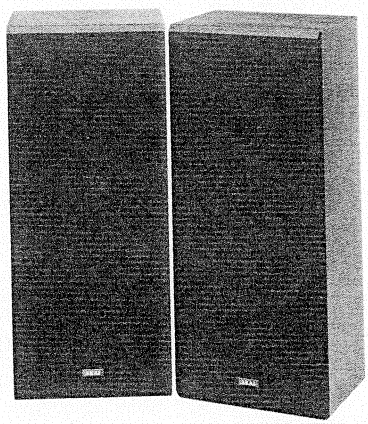
AKAI SERVICE MANUAL



SW–A101



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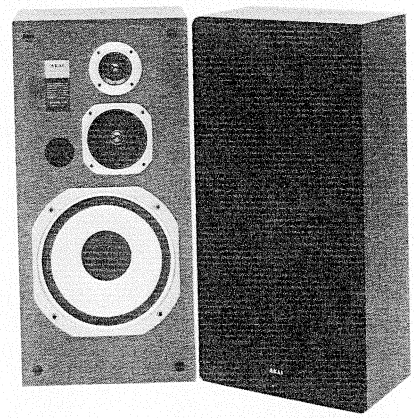


SW–A301

3 WAY 3 SPEAKER SYSTEMS

MODEL **SW-A101**
SW-A201
SW-A301

I. SPECIFICATIONS

MODELS	SW–A101	SW–A201	SW–A301
SYSTEM	3 way, 3 speaker	3 way, 3 speaker	3 way, 3 speaker
RATED IMPEDANCE	8 ohms	8 ohms	8 ohms
RATED POWER INPUT	45W (DIN)	45(W) DIN	80W (DIN)
MAXIMUM POWER INPUT	80W	80W	130W
SENSITIVITY	91dB/W at 1m	92dB/W at 1m	92dB/W at 1m
FREQUENCY RANGE	45Hz to 20kHz	40Hz to 20kHz	35Hz to 20kHz
CROSS-OVER FREQUENCY	4.2kHz, 13kHz	4.2kHz, 13kHz	3kHz, 10.3kHz
CROSS-OVER NETWORK Squeaker	6dB/oct	6dB/oct	6dB/oct
Tweeter	6dB/oct	6dB/oct	6dB/oct
SPEAKERS			
Woofer	20cm(8") Cone type	25cm(10") Cone type	30cm(12") Cone type
Squeaker	9cm(3.6") Cone type	10cm(4") Cone type	12cm(5.2") Cone type
Tweeter	5cm(2") Cone type	5cm(2") Cone type	5cm(2.3") Cone type
ENCLOSURE TYPE	Bass Reflex	Bass Reflex	Bass Reflex
GRILL PANEL	Fixed	Fixed	Removable
DIMENSIONS	280(W)x610(H)x 232(D)mm (11.2x24.4x9.3 inches)	320(W)x750(H)x 255(D)mm (12.8x30.0x10.2 inches)	360(W)x750(H)x 255(D)mm (14.4x30.0x10.2 inches)
WEIGHT	6.7kg (14.8 lbs)	10.4kg (22.9 lbs)	12.0kg (26.4 lbs)

* For improvement purposes, specifications and design are subject to change without notice.

II. PARTS LIST

1. MODEL SW–A101

REF. NO.	PART NO.	DESCRIPTION
1	SS-716391	SPEAKER WOOFER 20W-A101 200MM
2	ZW-713388	M40 CMT [WOOFER FIX]
3	SS-716392	SPEAKER MID RANGE 9M-A101 87MM
4	ZS-716385	WS BID40×12 CMT [MID RANGE FIX]
5	SS-716393	SPEAKER TWEETER 5T-A101 50MM
6	ZS-716385	WS BID40×12 CMT [TWEETER FIX]
7	EJ-713379	TERMINAL PT262-263
8	ZS-713387	WS BID30×13BZN [TERMINAL FIX]
9	ZS-716384	WS BID30×22 BZN [BACK BOARD FIX]
C1	EC-716390	C EC H FP 4R7 50DC
C2	EC-713380	C EC H 1R5 FP 50.0DC

2. MODEL SW–A201

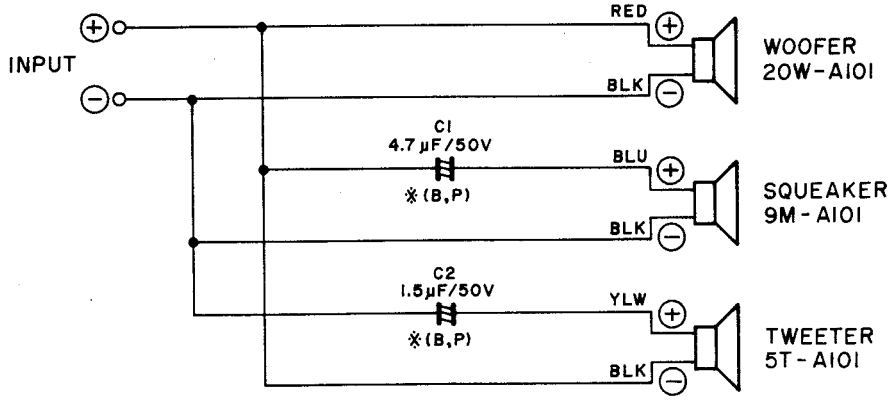
REF. NO.	PART NO.	DESCRIPTION
1	SS-716396	SPEAKER WOOFER 25W-A201 250M
2	ZW-713388	M40 CMT [WOOFER FIX]
3	SS-716382	SPEAKER MID RANGE 10M-A201 100MM
4	ZS-716385	WS BID40×12 CMT [MID RANGE FIX]
5	SS-716393	SPEAKER TWEETER 5T-A101 50MM
6	ZS-716385	WS BID40×12 CMT [TWEETER FIX]
7	EJ-713379	TERMINAL PT262-263
8	ZS-713387	WS BID30×13BZN [TERMINAL FIX]
9	ZS-716384	WS BID30×22 BZN [BACK BOARD FIX]
C1	EC-716390	C EC H FP 4R7 50DC
C2	EC-713380	C EC H 1R5 FP 50.0DC

3. MODEL SW–A301

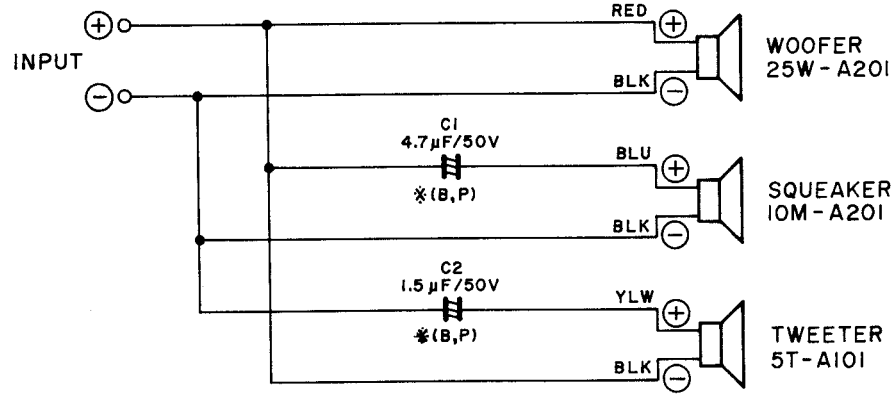
REF. NO.	PART NO.	DESCRIPTION
1	SS-716589	GRILLE SW-A301
2	SS-716583	SPAKER WOOFER 30W-A301 300MM
3	ZS-713401	6WS50×20BZN [WOOFER FIX]
4	SS-716584	SPEAKER MID RANGE 13M-A301 130MM
5	ZS-713400	6WS40×16BZN [MID RANGE FIX]
6	SS-716585	SPEAKER TWEETER 5T-A301 57MM
7	ZS-713400	6WS40×16BZN [TWEETER FIX]
8	EJ-713379	TERMINAL PT262-263
9	ZS-713387	WS BID30×13BZN [TERMINAL FIX]
C1	EC-713381	C EC H 6R8 FP 50.0DC
C2	EC-713394	C EC H 2R2 FP 50.0DC

III. SCHEMATIC DIAGRAM

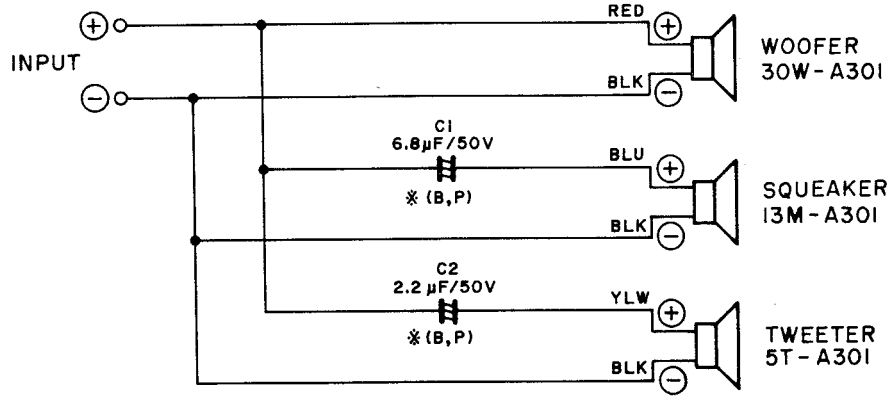
SW–A101



SW–A201



SW–A301



※ (B,P) = BIPOLARITY CAPACITOR

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